

Data Sheet BITUMIS-PG-15

INVERSE EMULSION BREAKER

- Dehydrates drilling sludge without altering the load of the final component.
- Used for water clarification.
- Excellent performance as a flocculant by removing suspended solids and/or hydrocarbons in refinery effluents, bins and other industries.
- Capable of floccular very fine colloidal solid particles.
- Excellent performance cost ratio.

Main uses

BITUMIS-PG-15 it has been specially formulated to be used in washing water clarification processes, as a flocculant in industrial effluents, in the sludge dewatering process from drilling processes and in the metal production and processing industries and in the chemical industry.

General description

BITUMIS-PG-15 is a highly cationic "high molecular weight" polyelectrolyte with the following characteristics:

Physical state:	Liquid emulsion
Color:	White
Specific gravity:	1,000 – 1,050 at 25° C
Odor:	Characteristic
Viscosity:	Mínimum 500 at 100%
pH:	4,00 – 5,00 at 0,1% in distilled water

Dose

The dose of the **BITUMIS-PG-15** demulsifying basically depends on the type of emulsion, temperature, treatment system, final dehydration requirements, etc. The appropriate demulsificant must be selected using a technique known as "bottle tests" and the results must be confirmed in the "field" by means of a "Field Test". In any case, Technical Representative **Bitumis®** will advise you on the establishment of the optimal dose to be used in each particular case.

How to use and feed

The **BITUMIS-PG-15** demulsifying must be applied as is, using a proportional feed pump. If dilution is necessary, special care should be taken with the stability of the product. The injection site, in the case of station treatment, should be done at a good mixing point and in any case will depend on the treatment system used. Technical Representative **Bitumis®** will advise you on the establishment of the right site for the injection of the product, either at treatment stations or in special applications.

Dispatch and storage

BITUMIS-PG-15 in 25 kg net carboyas and 225 kg plastic drums. Moisture sensitive product, contact with water can cause localized formation of lumps. Therefore, it should be stored in dry, closed and moisture-protected containers. It is not recommended to store it in the plant for more than a year.

Handling and safety

The **BITUMIS-PG-15** product is flammable and must be handled according to this classification. Avoid contact with skin and eyes. Don't ingest them. Avoid breathing your vapours repeatedly or prolongedly. In case of contact with the skin and eyes, wash the affected parts with plenty of water. In case of eye irritation, seek medical advice immediately. When handling chemicals, it is recommended to use adequate protection and to comply with the safety standards established for these cases.



"The application or methods of handling, storing, using and disposition of the product and/or its packaging are beyond our control, therefore the company does not assume and is unaware of any liability for loss, damage or other situation that is related to the handling, use or disposal of the product and its packaging. The company assumes no liability for damage to the buyer or third parties caused by abnormal use of the material and/or its packaging, even in accordance with reasonable safety procedures. The data provided was obtained from reliable sources, however, no warranty is expressed or implied with respect to the accuracy of this data or the results obtained from the use of the material."

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